

L 3570-66 EWT(d)/EWT(m)/EWP(w)/EPF(c)/EWP(j)/T WW/EM/RM
ACCESSION NR: AP5024819

UR/0032/65/031/010/1243/1245
620.178.3:678.5.06

AUTHOR: Panferov, K. V.; Korabel'nikov, Yu. G.

TITLE: Effect of relaxation on the durability of plastics under static loading conditions

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1243-1245

TOPIC TAGS: tensile strength, plastic strength, synthetic material, relaxation process, polymethylmethacrylate, polyester plastic

ABSTRACT: Tensile tests of polyester and polymethylmethacrylate transparent plastic specimens under continuous and repeated loading conditions (with relaxation periods) show that the life of samples under loading with relaxation interruptions is considerably shorter (not counting relaxation periods) than that of specimens under constant loading. This is explained by an increase in the structure-sensitive coefficient γ due to the difference in stress relaxation processes, stretching and orientation in continuous and in interrupted loading. Orig. art. has: 3 formulas, 1 table.

Card 1/2

L 3570-66

ACCESSION NR: AP5024819

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh kon-
struktsiy im. V. A. Kucherenko (Central Scientific Research Institute of Structural
Parts) *3*

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, AS

NO REF SOV: 008

OTHER: 001

mbr
Card 2/2

L 9788-66 EWT(m)/EWP(w) EM

ACC NR: AP5028499

SOURCE CODE: UR/0286/65/000/020/0079/0079

AUTHORS: Korabel'nikov, Yu. G.; Renskiy, A. B.; Mokin, Ye. G.; Burkovskiy, V. S.

ORG: none

TITLE: A removable strain gauge. Class 42, No. 175694

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 79

TOPIC TAGS: strain gage, resistance bridge

ABSTRACT: This Author Certificate presents a removable strain gauge consisting of a housing, a moving rod, and a sensing element in the form of a bracket with resistance strain gauges glued to it. To increase sensitivity and accuracy of measurement in any range of strain without interchanging the instrument or interrupting measurements, the gauge is equipped with an additional sensing element in the form of a reinforced bracket with resistance strain gauges glued to it, and a special control nut for connecting the additional sensing element in any measurement range (see Fig. 1). The additional element has higher strain gauge characteristics.

Card 1/2

UDC: 620.172.087

L 9788-66

ACC NR: AP5028499

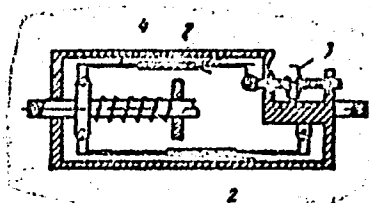


Fig. 1. 1 - Clamp; 2 - strain gauge;
3 - nut; 4 - auxiliary sensitive
element.

Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 28Feb64

PC
Card 2/2

KORABEL'NIKOV, Yu.G.; RENSKIY, A.B.

Measuring the deformation of plastics with the aid of a detachable
integrated tensiometer. Zav.lab. 31 no.10:1261-1262 '65.

(MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh
konstruktsiy i nauchno-issledovatel'skiy institut zhelezobetona.

KORABEL'NIKOVA, A.

Efficient assistant of the party organization. NTO 2 no.3:43-44
Mr '60. (MIRA 13:6)

1. Sekretar' partiynogo byuro kombinata "Zasulauka manufaktura,"
Riga.

(Riga--Textile industry)

~~APPROVED FOR RELEASE~~
KORABEL' NIKOVA, A.I.

Organization of vaccination service. Zhur.mikrobiol.epid. i immun.
28 no.10:70-75 0 '57. (MIRA 10:12)

1. Iz Khar'kovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii
(VACCINES AND VACCINATION,
organiz. in Russia (Rus))

KORABEL'NIKOVA, L.

Korabel'nikova, L. The struggle ~~for~~ economy in raw and other materials Moskva Moskovskii rabochii, 1950.

58 p. (51-21794) TS957.R9K6

KOFABEL'NIKOVA, L.

Efficiency, Industrial

Two-year struggle for overall economy of raw material and goods. Leg. prom. 12 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

GOVOROVICH, Ye.A.; KORABEL'NIKOVA, N.I.

Vitamin content in the organism and intestinal microflora in the treatment of surgical patients with oxytetracycline combined with vitamins. Antibiotiki 9 no.9:856-860 S '64.

(MIRA 19:1)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov i kafedra mikrobiologii (zav. - deystvitel'nyy chlen AMN SSSR prof. Z.V. Yermol'yeva) Tsentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

YERMOLOVEVA, Z.V.; FADEYEVA, L.I.; BALEZINA, T.I.; KORABEL'NIKOVA, N.I.;
ZHEZANOV, V.M.

Characteristics of interferon formation in the animal organism.
Vop. virus. 10 no.2:221-224 Mr-Apr '65.

(MIRA 18:10)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

KORABELNIKOVA, N. I.

"The effect of vitamins on the composition of the aerobic intestinal flora in sick people treated with antibiotics of the tetracycline group."

report submitted for Symp on Microecology, Berlin & Potsdam, E. Germany, 27-30 Sep 64.

YEREMOLYEV, G.V.; FOMIN, N.M.; VAYSDERG, S.Ya.; NEMIROVSKAYA, R.M.; BRAUDE, A.S.; FIMINA, L.F.; IATKINA, T.I.; FADEYEVA, G.I.; TORIYA, I.K.; YEREMOLYEV, N.S.

Antibodies and interference in virus infections. Trudy VSIU 68:145-149
1964. (MIRA 18:5)

ANTIPOV, G.I.; IVASHCHENKO, M.A. [deceased]; KORABEL'NIKOVA, V.V.;
KOSTGIN, M.K., dotsent; KUZNETSOV, G.A., dotsent; PEKARIN,
P.M.; ROSLYAKOV, G.V., dotsent; STRAKHOV, L.G.; CHERNYSHOV,
G.B., red.; TKALICH, S.M., red.; MUKHIN, S.S., red.izd-va;
GUROVA, O.A., tekhn.red.

[Angara-Ilim iron ore deposits of trap formation in the southern
Siberian Platform] Angaro-Ilimskie zhelezorudnye mestorozhdenia
trappovoi formatsii inzhnoi chasti Sibirskoi platformy. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1960.
375 p. (MIRA 13:10)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
 2. Geologi Irkutskogo geologicheskogo upravleniya (for Antipov,
Ivashchenko, Korabel'nikova, Pekarina, Strakhov).
 3. Irkutskiy
gornometallurgicheskiy institut (for Kosygin, Roslyakov).
 4. Ir-
kutskiy gosudarstvennyy universitet (for Kuznetsov).
 5. Glavnyy
inzh. Irkutskogo geologicheskogo upravleniya (for Tklich).
- (Angara-Ilim region--Iron ores)

ACC NR: AP6028055

(N)

SOURCE CODE: UR/0310/66/000/005/0032/0033

AUTHOR: Korabel'shechikov, N. (Candidate of technical sciences); Plotnikov, V. (Engineer)

ORG: None

TITLE: Purification of heavy fuel oil //

32

SOURCE: Rechnoy transport, no. 5, 1966, 32-33

TOPIC TAGS: marine engineering, diesel engine, diesel fuel, fuel oil, fuel refining /
DT-1 fuel oil, 4Ch17.5-24 diesel engine

ABSTRACT: The authors describe a method proposed for purification of heavy oils of DT-1 trademark used for marine diesel engines by the Irtysh Steamship Agency. The method is proposed on the basis of the experiments conducted by the authors with a 100-hp, 750-rpm diesel engine of 4Ch17.5/24 type. The investigated DT-1 fuel had a viscosity of 2.1 degrees Engler at 50 C and contained 0.1% of solid residues, 0.06% of water and 2.5% of sulfur. A special system shown in a diagram was used for straining the fuel through a filter, for running it through a centrifuge and for separating impurities in a separator. The results of experimental filtering, centrifuging and separating are summed up in a table. The oil was preheated before testing by means of an electric heater placed in the oil tank. The influence of temperature on the elimination of solid residues is plotted in curves for three types of purification. In conclusion, a following method of purification

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tion is proposed. First, the oil is clarified by settling in fuel tanks at temperatures of 40 to 50 C. Then, water and residues are separated in a separator. Finally, a further elimination of solid particles takes place in a centrifuge. A temperature of 60 to 70 C is recommended for separators and centrifuges. Orig. art. has: 2 diagrams, 1 table.

SUB CODE: a1, 13/ SUBM DATE: None

KORABEL'SHCHIKOV, N. I.

Korabel'Shchikov, N. I.

"The theory, design, and investigation of a noeccentric Joy slide drive."
Leningrad Inst of Water Transport Engineers. Omsk, 1956. (Dissertation
for the Degree of Candidate in Technical Sciences).

So; Knizhnaya letopis'
No. 25, 1956. Moscow

KORABEL'SHCHIKOV, Nikolay Ivanovich, kand.tekhn.nauk; KUT'IN, L.I.,
retsensent; SHINKO, I.M., retsensent; OVCHINNIKOV, A.I.,
red.; SHLENNIKOVA, Z.V., red.izd-va; YERMAKOVA, T.T.,
tekhn.red.

[Steam distribution in marine steam engines] Paroraspredelenie
sudovykh parovykh mashin. Moskva, Izd-vo "Rechnoi transport,"
1959. 284 p. (MIRA 13:2)
(Boilers, Marine) (Marine engines)

VYSOTA, Ivan Iosifovich; KORABEL'SHCHIKOV, N.I., dotsent, kand.tekhn.
nauk, retsenzent; NIKIFOROV, G.V., inzh., retsenzent; KOMO-
GORTSEV, P.Ya., inzh., red.; SHLENNIKOVA, Z.V., red, izd-va;
YERMAKOVA, T.T., tekhn.red.

[Marine steam engines] Sudovye parovye mashiny. Moskva, Izd-vo
"Rechnoi transport." Pt.1. [Construction and operation] Konstruk-
tsiia i ekspluatatsiia. 1959. 350 p. (MIRA 13:4)
(Marine engines)

VYSOTA, Ivan Iosifovich; KORABEL'SHCHIKOV, N.I., kand. tekhn. nauk, retsenzent; LEKHANIN, V.V., prof., doktor tekhn. nauk, retsenzent; PERVOV, V.M., retsenzent; KOMOGORTSEV, P.Ya., red.; SHLENNIKOVA, Z.V., red. izd-va; BODROVA, V.A., tekhn. red.

[Marine steam machinery] Sudovye parovye mashiny. Moskva, Izd-vo "Rechnoi transport." Pt.2. [Fundamentals of theory and maintenance] Osnovy teorii i ekspluatatsii. 1961. 280 p. (MIRA 14:11)
(Marine engines)

KORABEL'SHCHIKOV, Nikolay Ivanovich, dots., kand. tekhn.nauk; TAREYEV,
V.M., doktor tekhn.nauk, prof., retsenzent; KUZOVLEV, V.A.,
inzh., red.; SHLENNIKOVA, Z.V., red. izd-va; POKHLEBKINA, M.I.,
tekhn. red.

[Problems on technical thermodynamics] Sbornik zadach po tekhnicheskoi termodinamike. Moskva, Izd-vo "Rechnoi transport,"
1961. 125 p. (MIRA 15:4)

(Thermodynamics)

GRIGOR'YEV, E.P., inzh.; KUZNETSOV, V.Ye., inzh.; MAKHEYEV,
V.G., inzh.; PETROVSKIY, A.S., inzh.; VEDESHKIN, V.I.,
tekhnik; KORABEL'NIKOV, V.V., kapitan-nastavnik;
MIKHAYLOVSKIY, Ye.V., red.

[Fisheries] Promyslovoe delo. Murmansk, Murmanskoe knizhnoe
izd-vo, 1964. 463 p. (MIRA 18:5)

PANFEROV, K.V.; KORABEL'NIKOV, Yu.G.

Effect of "rest" on the longevity of some polymeric materials
subjected to repeated stresses. Vysokom.sped. 7 no.10:1731-
1736 0 '65. (MIRA 18:11)

1. Nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy.

BLAGOVISNYI, V.I.; GILYAZETDINOV, L.P.; DOBILIN, Ye.N.; KORABEL'NIKOVA G.P.;
YAGOVKIN, A.G.

Using liquid stock in the production of furnace black. Gaz. prom.
7 no.11:43-46 N 162. (MIRA 17:9)

KORABEL'NIKOVA, N.I.; BULDAKOVA, A.L.

Intestinal microflora in chlortetracycline and vitamin therapy of dysentery. Antibiotiki 7 no.9:822-825 S '62. (MIRA 15:12)

1. Kafedra mikrobiologii (zav. - cheln-korrespondent AMN SSSR prof. Z.V.Yermol'yeva) TSentral'nogo instituta usovershenstvovaniya vrachey i 2-ya Gorodskaya klinicheskaya infektsionnaya bol'nitsa (glavnyy vrach A.M.Pyl'tsova).

(DYSENTERY) (CHLORTETRACYCLINE)
(VITAMIN THERAPY) (INTESTINES—MICROBIOLOGY)

KORABEL'NIKOVA, N. I.

"The effect of vitamins on the composition of aerobic intestinal flora in patients treated with antibiotics of the tetracycline group."

report presented at the Microecology Symp, Berlin & Potsdam-Rehbrücke, 27-30 Sep 64.

Institut virusologii AMN SSSR, Moskva.

<div style="float: left; width: 60%;"> 1ST AND 2ND SECTIONS CLASSIFICATION 1. SUBJECT 2. AUTHOR 3. TITLE 4. JOURNAL 5. YEAR 6. VOLUME 7. PAGE 8. NUMBER 9. MONTH 10. DAY 11. YEAR 12. MONTH 13. DAY 14. YEAR 15. MONTH 16. DAY 17. YEAR 18. MONTH 19. DAY 20. YEAR 21. MONTH 22. DAY 23. YEAR 24. MONTH 25. DAY 26. YEAR 27. MONTH 28. DAY 29. YEAR 30. MONTH 31. DAY 32. YEAR 33. MONTH 34. DAY 35. YEAR 36. MONTH 37. DAY 38. YEAR 39. MONTH 40. DAY 41. YEAR 42. MONTH 43. DAY 44. YEAR 45. MONTH 46. DAY 47. YEAR 48. MONTH 49. DAY 50. YEAR 51. MONTH 52. DAY 53. YEAR 54. MONTH 55. DAY 56. YEAR 57. MONTH 58. DAY 59. YEAR 60. MONTH 61. DAY 62. YEAR 63. MONTH 64. DAY 65. YEAR 66. MONTH 67. DAY 68. YEAR 69. MONTH 70. DAY 71. YEAR 72. MONTH 73. DAY 74. YEAR 75. MONTH 76. DAY 77. YEAR 78. MONTH 79. DAY 80. YEAR 81. MONTH 82. DAY 83. YEAR 84. MONTH 85. DAY 86. YEAR 87. MONTH 88. DAY 89. YEAR 90. MONTH 91. DAY 92. YEAR 93. MONTH 94. DAY 95. YEAR 96. MONTH 97. DAY 98. YEAR 99. MONTH 100. DAY 101. YEAR 102. MONTH 103. DAY 104. YEAR 105. MONTH 106. DAY 107. YEAR 108. MONTH 109. DAY 110. YEAR 111. MONTH 112. DAY 113. YEAR 114. MONTH 115. DAY 116. YEAR 117. MONTH 118. DAY 119. YEAR 120. MONTH 121. DAY 122. YEAR 123. MONTH 124. DAY 125. YEAR 126. MONTH 127. DAY 128. YEAR 129. MONTH 130. DAY 131. YEAR 132. MONTH 133. DAY 134. YEAR 135. MONTH 136. DAY 137. YEAR 138. MONTH 139. DAY 140. YEAR 141. MONTH 142. DAY 143. YEAR 144. MONTH 145. DAY 146. YEAR 147. MONTH 148. DAY 149. YEAR 150. MONTH 151. DAY 152. YEAR 153. MONTH 154. DAY 155. YEAR 156. MONTH 157. DAY 158. YEAR 159. MONTH 160. DAY 161. YEAR 162. MONTH 163. DAY 164. YEAR 165. MONTH 166. DAY 167. YEAR 168. MONTH 169. DAY 170. YEAR 171. MONTH 172. DAY 173. YEAR 174. MONTH 175. DAY 176. YEAR 177. MONTH 178. DAY 179. YEAR 180. MONTH 181. DAY 182. YEAR 183. MONTH 184. DAY 185. YEAR 186. MONTH 187. DAY 188. YEAR 189. MONTH 190. DAY 191. YEAR 192. MONTH 193. DAY 194. YEAR 195. MONTH 196. DAY 197. YEAR 198. MONTH 199. DAY 200. YEAR 201. MONTH 202. DAY 203. YEAR 204. MONTH 205. DAY 206. YEAR 207. MONTH 208. DAY 209. YEAR 210. MONTH 211. DAY 212. YEAR 213. MONTH 214. DAY 215. YEAR 216. MONTH 217. DAY 218. YEAR 219. MONTH 220. DAY 221. YEAR 222. MONTH 223. DAY 224. YEAR 225. MONTH 226. DAY 227. YEAR 228. MONTH 229. DAY 230. YEAR 231. MONTH 232. DAY 233. YEAR 234. MONTH 235. DAY 236. YEAR 237. MONTH 238. DAY 239. YEAR 240. MONTH 241. DAY 242. YEAR 243. MONTH 244. DAY 245. YEAR 246. MONTH 247. DAY 248. YEAR 249. MONTH 250. DAY 251. YEAR 252. MONTH 253. DAY 254. YEAR 255. MONTH 256. DAY 257. YEAR 258. MONTH 259. DAY 260. YEAR 261. MONTH 262. DAY 263. YEAR 264. MONTH 265. DAY 266. YEAR 267. MONTH 268. DAY 269. YEAR 270. MONTH 271. DAY 272. YEAR 273. MONTH 274. DAY 275. YEAR 276. MONTH 277. DAY 278. YEAR 279. MONTH 280. DAY 281. YEAR 282. MONTH 283. DAY 284. YEAR 285. MONTH 286. DAY 287. YEAR 288. MONTH 289. DAY 290. YEAR 291. MONTH 292. DAY 293. YEAR 294. MONTH 295. DAY 296. YEAR 297. MONTH 298. DAY 299. YEAR 300. MONTH 301. DAY 302. YEAR 303. MONTH 304. DAY 305. YEAR 306. MONTH 307. DAY 308. YEAR 309. MONTH 310. DAY 311. YEAR 312. MONTH 313. DAY 314. YEAR 315. MONTH</</div>	
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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
<p>KORABEL'SKIY</p> <p>CH</p> <p>17</p> <p>Influence of particle size of plant products on extraction efficiency in aqueous systems. J. N. Korabel'skiy (Moscow Pharm. Inst.). Farmatsiya 9, No. 2, 16-22 (1940).— As a first approximation, the optimum size of particles is about 1 mm. for leaves, or 0.25-0.5 mm. for roots and barks. Excessive fineness of leaves (below 0.75 mm.) retards diffusion in aq. extr. systems. Rate efficiency can be characterized in terms of surface tension. The diffusion coeff. depends on histological structure and physicochem. properties (solv., dispersibility, etc.) of the material. A procedure for testing extr. efficiency is described. Tests were made with belladonna, valerian, senna, oak bark, digitalis, and ippecac. Data for these products are tabulated (concn., surface tension, viscosity, and d.). 16 references.</p> <p>Julian P. Smith</p>																			
<p>ASD-51A METALLURGICAL LITERATURE CLASSIFICATION</p>																			
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CA

KORABEL'SKIY

17

Blond tablets. P. M. Korabel'skiy (Moscow Pharm. Inst.). *Farmatsiya* 9, No. 4, 10-18(1946).—Assays of Blond tablets (I) showed that high NaHCO_3 content is common and impairs stability. The criterion of quality should be ferrous (not total) Fe. When rich in FeO , I takes 1-3 hrs. to dissolve in H_2SO_4 . The CO_2 content can be fairly estd. from tablet size. Ordinary granular mixts. of FeSO_4 and NaHCO_3 are ill suited to the manuf. of I; freshly prepd. uncarbonated FeCO_3 is better. The mechanism by which sugar stabilizes I is complex, but should be investigated in the interests of more effective stabilization. Com. samples of I ranged from 6.24 to 36.54% FeO , and 17.34 to 34.75 mg. CO_2 per tablet.

Julian F. Smith

ASM-51A METALLURGICAL LITERATURE CLASSIFICATION

ROOM 11111111

TABLET NO.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

KORABEVICH, Vatslay [Korabiewicz, Wacław]; SEVERINA, N.Ya.
[translator]; KHODOSH, I.A., otv. red.; MAKSIMOVA,
T.G., red.

[With the peoples of East Africa; safari mingi.
Abridged translation from the Polish] U narodov
Vostochnoi Afriki; safari mingi. Moskva, Nauka, 1965.
152 p. (MIRA 18:11)

KORABIEWICZ, WACLAW

"Kwahari"

p. 239 (Iskry, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 59.

KORABINOV, A.M., inzhener; KRAUZE, L.S., inzhener.

Lessons to be learned from two roof failures. Stroi.prom. 35 no.7:18-21
Jl '57. (MIRA 10:10)

(Roofs)

KORABISHCHER, Ye. G.

"Data on the Serum Therapy of Influenza," by F. G. Epshteyn, A. S. Levinson, Z. A. Semashko, A. G. Chetverikov, M. M. Vital, M. A. Belavintseva, K. G. Karatayeva, N. N. Malkova, R. Ye. Gel'shteyn, Ye. G. Korabishcher, A. A. Krums, K. I. Matveyeva

Voprosy Meditsinskoy Virusologii, Moscow, No. 2, 1949, pp. 278-287

KORABITSKIY, N.

Agriculture - Study and Teaching

Increasing the qualifications of agricultural specialists. Sov. agron. 11, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KORABITSKIY, N.K., kand.sel'skokhoz.nauk; KUVSHINOVA, O.P., kand.sel'skokhoz.
nauk

Manure-soil composts in the leached Chernozems of the Mordovian A.S.S.R.
Zemledelie 25 no.9:67-68 S '63. (MIRA 16:9)

1. Mordovskiy gosudarstvennyy universitet.
(Mordovia—Compost)

KORABITSKIY, N.K., kand.sel'skokhozyaystvennykh nauk

Effect of deep fall plowing on corn yields in Mordovia.
Uch. zap. Mord. gos. un. no.13:60-65 '60. (MIRA 15:11)

1. Kafedra agronomii i pochvovedeniya Mordovskogo
gosudarstvennogo universiteta.
(Mordovia—Corn (Maize))
(Plowing)

KORABITSKIY, N.K., kand.sel'skokhozyaystvennykh nauk

Soil packing in Mordovia. Uch. zap. Mord. gos. un.
no.13:3-5 '60.

(MIRA 15:11)

1. Kafedra agronomii i pochvovedeniya Mordovskogo
gosudarstvennogo universiteta.
(Mordovia—Tillage)

KORABLENIKOVA, Z., inzh.-kulinar

These vegetable plates are popular. Obshchestv.pit. no.1:38
Ja '60. (MIRA 13:5)

1. Zheleznodorozhnoye upravleniye rabochego snabzheniya Oktyabr'skoy
zheleznoy dorogi.
(Cookery (Vegetables))

KORABLENKOVA, Z.

Increase the production of vegetable dishes. Obshchestv.pit. no.12:7
D '60. (MIRA 13:12)

1. Starshiy inspektor otdela obshchestvennogo pitaniya shelezno-
dorozhnogo upravleniya rabocheho snabzheniya Otktyabr'skoy shelez-
noy dorogi.

(Cookery (Vegetables))

MIKHAYLOV, G. (g.Chelyabinsk); KUZNETSOVA, A.; KORABLENKOVA, Z.;
SHUBERTOV, V., tekhnolog (g.Moskva)

Letters to the editor. Obshchestv.pit. no.4:48 Ap '61.
(Restaurants, lunchrooms, etc.) (MIRA 14:3)

KORABLENKOVA, Z.

Provide students with balanced food. Obshchest.pit. no.3:49-50
Mr '62. (MIRA 15:4)

1. Starshiy inspektor obshchestvennogo pitaniya Zheleznodorozhnogo upravleniya rabocheho snabzheniya.
(Restaurants, lunchrooms, etc.)

KORABLEV, A.

Section of commerce of an economic council. Sov.torg. no.5:
55-56 My '59. (MIRA 12:7)

1. Uchenyy sekretar' sektsii ekonomiki trgovli i sel'skogo
khozaystva pri Upravlenii rabochego snabzheniya Chitinskogo
sovnarkhosa.
(Chita Province--Commerce)

KORABLEV, Anatoliy Aleksandrovich; TSENTNARSKIY, Igor' Aleksandrovich;
KOVALEV, Yuriy Sergeyevich; AKUL'SHIN, A.F., inzh.,
retsenzent; MEL'KUMOV, L.G., inzh., retsenzent; BOGOPOL'SKIY,
B.Kh., otv. red.; ABRAMOV, V.I., red.izd-va; ZHIVRINA, G.V.,
tekhn. red.; BOLDYREVA, Z.A., tekhn. red.

[Handbook for mine electricians servicing automatic control
devices] Spravochnik elektroslesaria shakhty po obsluzhivaniyu
avtomaticheskikh ustanovok. Moskva, Gosgortekhnizdat, 1963.
192 p. (MIRA 17:3)

KORABLEV, A.A.

[Remote control of mine machinery] Distantionnoe upravlenie
mekhanizmami v shakhtakh. Moskva, Trudreservizdat, 1953. 62 p.
(MIRA 7:3)

(Remote control) (Mining machinery)

KORABLEV, A. A.

KORABLEV, A.A.

~~RUSSIAN. Soviet Union~~

[Mine substation worker on duty] Dezhurnyi shakhtnei podstantsii.

Moskva, Ugletekhizdat, 1954. 247 p.

(MIRA 7:7)

(Mining engineering--Safety measures) (Electricity in mining)

KORABLEV, A. A.

Korablev, A. A.

"Investigation of the Static Electricity in the Compressed Air Networks of Mines and the Development of Methods to Combat It." Min Coal Industry USSR. All-Union Sci Res Inst of the Coal Industry (VUGI). Moscow, 1955 (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

BILIK, Shaya Mendeleovich; ~~KORABLEV, Anatoliy Aleksandrovich~~; PANOV, Andrey
Dmitriyevich; SLOBODOV, Mikhail Aleksandrovich; KRIVOBOK, K.P.,
otv.red.; IOMILINA, L.N., tekhn.red.; ALADOVA, Ye.I., tekhn.red.

[Instruments and apparatus for studying mine pressure] Prihory i
apparatura dlia issledovaniia proiavlenii gornogo davleniia;
spravochnik. Moskva, Ugletekhizdat, 1958. 363 p. (MIRA 12:1)
(Mining engineering) (Measuring instruments)

FROLOV, Boris Fedorovich, kand.tekhn.nauk; MIKHEYEV, Yuriy Aleksandrovich,
inzh. Prinsipal uchastiye SEMENOV, I.A., inzh. KORABLEV, A.A.,
otv.red.; ABARBARCHUK, F.I., red.izd-va; BOLDYREVA, Z.A., tekhn.red.

[Electric equipment of coal preparation and briquetting plants]
Elektrooborudovanie ugleobogatitel'nykh i briketnykh fabrik.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960.
312 p. (MIRA 13:12)
(Coal preparation plants--Electric equipment)
(Briquets (Fuel))

SHISHKIN, Nikolay Fedorovich, kand.tekhn.nauk; MINDELI, Givi Valerianovich,
kand.tekhn.nauk; KORABLEV, A.A., red.; ABRAMISHVILI, T.A., red.
izd-va; MEGRELADZE, A.G., tekhn.red.

[Safety measures for electricity in mines and premises subject to
explosion hazards] Elektrobezopasnost' v shakhtakh i vzryvo-
opasnykh pomeshcheniyakh. Tbilisi, Gos.izd-vo uchebno-pedagog.
lit-ry "Tsodna," 1960. 494 p. (MIRA 14:3)
(Electricity in mining) (Industrial safety)

BELYAYEV, V.S.; BORISENKO, L.D.; BORISENKO, E.V.; KORABLEV, A.A.;
KOLYSHKIN, O.M.; KUTLUNIN, V.A.; MALYAGIN, M.S.; SOKOLOV, A.I.;
CHUDAKOV, A.I.; ABRAMOV, V.I., otv.red.izd-va; BOLDYREVA, Z.A.,
tekhn.red.

[Manual for the coal mine mechanic] Spravochnik mekhanika
ugel'noi shakhty. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1960. 612 p. (MIRA 13:12)
(Coal mining machinery)

TEKHMISHCHYAN, Azat Vagranovich, kand. tekhn. nauk; TSETNARSKIY, Igor'
Aleksandrovich, inzh.; KAZANSKIY, Anatoliy Sergeyevich, kand. tekhn.
nauk; SEMENOV, Vladimir Mikhaylovich, kand. tekhn. nauk; KORABLEV,
Anatoliy Aleksandrovich, kand. tekhn. nauk; SEMENOV, I.E., otv. red.;
ABARZARCHUK, F.I., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Mining machinery] Gornaya mekhanika. Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1961. 291 p. (MIRA 14:6)
(Coal mining machinery)

FAYNSHTEYN, Veniamin Fedorovich; BOGDANOV, Yuriy Vasil'yevich;
ORLOV, Vyacheslav Prokhorovich; BUROV, Anatoliy Il'ich;
KORABLEV, A.A., otv. red.; FROLOVA, Ye.I., red. izd-va;
LOMILINA, L.N., tekhn. red.; MINSKER, L.I., tekhn. red.

[Sparkproof gauges and spark- and blastproof strain and
their use in the coal industry] Iskrobezopasnye i iskro-
vzryvbezopasnye tenzometricheskie pribory i ikh prime-
nenie v ugol'noi promyshlennosti. Moskva, Gosgortekhnizdat,
1961. 86 p. (MIRA 15:8)

(Coal mines and mining—Electric equipment)
(Strain gauges)

MURAV'YEV, Vasilii Petrovich; DMITRIYEV, Gennadiy Andreyevich;
FILATOV, Mikhail Nikolayevich; SAFOKHIN, Mikhail Samsonovich;
GOL'DBERG, Leonid Abramovich; KRUT'KO, Mariya Vladimirovna;
NECHAYEV, Vadim Ivanovich; KOLCHANOV, Vitaliy Dmitriyevich;
BESSONOV, Yevgeniy Aleksandrovich; OBLOMSKIY, Ivan Yefimovich;
KORABLEV, A.A., otv. red.; ABRAMOV, V.I., red. izd-va;
PROZOROVSKAYA, V.L., tekhn. red.

[Automation in the coal mining industry] Avtomatizatsiia v
ugol'noi promyshlennosti. [B] V.P.Murav'ov i dr. Moskva,
Gosgortekhzdat, 1962. 258 p. (MIRA 15:10)
(Coal mines and mining) (Automation)

DOKUKIN, Aleksandr Viktorovich, prof., zasl. deyatel' nauki i tekhniki, doktor tekhn.nauk; SEMENOV, V.M., kand. tekhn. nauk; ZASADYCH, B.I., kand. tekhn.nauk; KORABLEV, A.A., kand. tekhn. nauk; NADION, M.F., otv. red.; D'YAKOVA, G.B., red. izd-va; MINSKER, I., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Use of compressed air in mining]Primenenie szhatogo vozdukh v gornoi promyshlennosti. Moskva, Gosgortekhzdat, 1962.
347 p. (MIRA 15:9)

(Mining engineering) (Compressed air)

KORABLEV, A. A.

Seminar on the instruments used in the investigation of rock
pressure. Ugol' 37 no.10:58-59 0 '62. (MIRA 15:10)

(Rock pressure)

KORABLEV, A.A., kand. tekhn. nauk

Use of ultrasonics in determining the extent and degree of
fracture of rocks. Nauch. soob. IGD 11:110-117 '61.
(MIRA 16:4)

(Ultrasonic waves) (Joints(Geology))

KORABLEV, A.A., kand.tekhn.nauk

Interinstitute seminar on instruments used in studying rock pressure.
Nauch. soob. IGD 17:169-172 '62. (MIRA 16:7)
(Rock pressure)

KORABLEV, A.A.

Ball dynamometer with wire strain gauges. Izv. tekhn. no.9:
25-26 S '63. (MIRA 17:1)

KORABLEV, A.A., inzh.

Inductive device for signaling drainage in an adjacent cellar.
Elek. sta. 34 no.8:69 Ag '63. (MIRA 16:11)

POTASHNIKOV, V.A.; KORABLEV, A.A.

Combined acoustical device for the determination of dynamic characteristics of concrete and the control of its quality. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:186-191 '63. (MIRA 17:1)

KORABLEV, A.A.

Geophysical method of investigating the stressed state of a rock massif and instruments used. Vop. gor. davl. no.18:90-103 '63. (MIRA 18:7)

1. Institut gornogo dela imeni Skochinskogo.

SUDOPLANOV, A.P., prof., doktor tekhn. nauk; BUSHUEV, N.P., kand.
tekhn. nauk; KORABLEV, A.A.

Powered timbering in Great Britain and in the Federal Republic
of Germany. Ugol' 40 no.11:67-70 '65. (MIRA 18:11)

KORABLEV, A.D., inzh. (Novosibirsk); KHABAROV, Ye.Ye., inzh. (Novosibirsk)

Lighting of drive ways at buildings in newly constructed
development. Svetotekhnika 9 no.11:29-30 N '63. (MIRA 16:12)

KORABLEV, A. I.

CH Organic acids in juices of fruits and berries and in wines.
A. I. Korablev and N. D. Khudyakova (Agr. Inst., Uman).
Vineyardist Vinogradarstvo S.S.S.R. 15, No. 8, 14-17(1953).
—A large no. of different fruit and berry juices and corresponding wines were analyzed. In general, juices of the black and red currants are rich in citric acid (20-4 g./l.), while cherries and apples have much malic acid (cherry 19.101-21.297, apple 6.7381). The juice of black currant contained the following amts. of acids (in g./l.): malonic acid 0.975, lactic acid 0.197, citric acid 24.107, malic acid 1.572, and succinic acid 0.068. The production of wines from fruits and berries causes a complete disintegration of the malonic acid, a decrease of the citric and malic acids, and an increase of the lactic and succinic acids. E. Markus

SOV-135-58-11-15/21

AUTHORS: Kunis, M.I. and Korablev, A.I., Engineers

TITLE: A Friction Welding Machine on the Base of a Lathe (Ustanovka dlya svarki treniyem na baze tokarnogo stanka)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 11, pp 37-38 (USSR)

ABSTRACT: A machine designed by the authors and Engineers G.I. Gromov, A.I. Agarkov, Yu.A. Moiseyev, S.I. Bizin, and Technician Yu.N. Bondarev of VNIIESO is recommended for friction welding. Friction welding on this machine is performed by rotation of the two parts to be welded, for which purpose the tailstock is fitted with an independent drive. The machine and its operation are described in detail and the technical characteristics are given. It was tested for welding shafts and pipes up to 7,800 sq mm cross section. Specimens of weld joints are shown in Figure 3. There are 3 photos, 1 diagram, 1 table and 4 Soviet references.

1. Metals—Welding 2. Metals—Friction 3. Lathes—
Applications

Card 1/1

KORABLEV, A.I.

Hydraulic resistance of asbestos-cement pipes in pressure
sewage flow. Sbor. trud. LISI no. 41:12-25 '62. (MIRA 17:5)

S/122/63/000/001/011/012
D263/D308

AUTHORS: Reshetov, D.N., Doctor of Technical Sciences,
Professor and Korablev, A.I., Engineer

TITLE: Technological reserves for the increase in the
reliability of gear wheels

PERIODICAL: Vestnik mashinostroyeniya, no. 1, 1963, 66-70

TEXT: The article deals with the basic defects of the
final mechanical treatment of gear wheels and suggests suitable
remedies. The main defects are cracks on the ground surfaces
caused by thermal stresses during the grinding operation, tool
marks after mechanical treatment, assembling markings and hard
stamped identification marks, which cause stress concentrations, and
result in tooth failures. To avoid this, grinding should be carried
out before thermal and chemical treatments or if possible dispensed
with. Correct rounding of the profile edges is most important. The
form of the cavity between teeth should be properly designed, all
markings avoided, and tool marks reduced to a minimum. There are
10 figures.
Card 1/1

KORABLEV, A.I., aspirant

Dulling of longitudinal edges of tooth heads and their effect on the overlapping of spur gears. Izv.vys.ucheb.zav.; mashinostr. no. 8:85-92 '63. (MIRA 16:11)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

KORABLEV, A.I., inzh.

Basic kinds of contact breakdowns of casehardened and nitrided
gear wheels and methods for their prevention. Vest. mashinostr.
43 no.12:7-14 D '63. (MIRA 17:8)

ACCESSION NR: AP4018701

S/0145/63/000/012/0005/0013

AUTHOR: Korablev, A. I. (Aspirant)

TITLE: Use of gears based on evolution drive with modified initial contours for aviation drives of the Civil Air Fleet

SOURCE: IVUZ. Mashinostroyeniye, no. 12, 1963, 5-13

TOPIC TAGS: gear, gear contour, tooth profile angle, evolution gear

ABSTRACT: Various modifications of the initial contours and final machining methods for evolution gears that have been successful in existing aviation drives are discussed. The influences of these modifications on endurance and strength of the gear teeth are stressed. The major change in profile has been the gradual increase of the tooth profile angle of the initial contour to its present value of 28° . The development of the various drives for the Civil Air Fleet has produced gear drives with profile angles of 20° , $23^{\circ}30'$, 25° , $27^{\circ}19'$, $27^{\circ}36'$, and finally 28° . The method developed by "Daimler-Benz" during the war to increase tooth strength by using the profile shown in Fig. 1 on the Enclosure before final machining (in order to eliminate the ridges in the tooth working surface after grinding) supposedly increased tooth fatigue strength by a factor of 2.6.

Card 1/3

ACCESSION NR: AP4018701

The use of shot-blasting of the working surfaces and tooth roots as a method of increasing both fatigue strength and surface strength is mentioned as a promising area for further research. Orig. art. has: 7 figures.

ASSOCIATION: MVTU

SUBMITTED: 15Mar62

SUB CODE: PR,MM

DATE ACQ: 27Mar64

NO REF SOV: 000

ENCL: 01

OTHER: 003

Card 2/3

KORABLEV, A.I., inzh.; RESHETOV, D.N., doktor tekhn.nauk, prof.

Fractures of heavy loaded gears and measures for increasing the
durability of gears. Vest.mashinostr. 45 no.2:40-46 F '65.
(MIRA 18:4)

KORABLEV, A.I., aspirant

Characteristics of the performance of toothed (splined)
joints under conditions of mutual skewing and radial shift-
ing of coupled parts. Izv. vys. ucheb. zav.; mashinostr.
no. 10:61-68 '65 (MIRA 19:1)

1. Submitted February 18, 1964.

TANGIBERDIYEVA, Z.I.; VARVAROV, V.M.; KORABLEV, A.P., obshchiy red.

[Art industries of the R.S.F.S.R.; a reference manual] Khudo-
zhestvennyye promysly RSFSR; spravochnik. Moskva, Vses.koop.
izd-vo, 1959. 119 p. (MIRA 13:4)

1. Moscow. Nauchno-issledovatel'skiy institut khudozhestvennoy
promyshlennosti.

(Art industries)

KORAMLEV, A.Ye., dotsent, kand. tekhn. nauk, inzhener-kapitan 1-go rango

A book deserving attention. Mor. sbor. 48 no.6:87-89 Ja '65.
(MIRA 18:6)

KORABLEV, B.K.

New type of feldspar deposits in Central Kazakhstan. Izv. AN
Kazakh. SSR. Ser. geol. no. 22:33-48 '56. (MLRA 9:8)
(Kazakhstan--Feldspar)

KORABLEV, B.K.; KORABLEVA, V.N.

Dikes of the Aksoran 2 deposit and their role in the processes
of skarn formation and mineralization. Sbor.nauch.trud.KazGMI
no.18:255-267 '59. (MIRA 15:2)

(Balkhash Lake region--Dikes (Geology))

(Balkhash Lake region--Skarns)

BAKIROV, S. B.; KORABLEV, B. K.

Lower Carboniferous sediments in the southwestern spurs of the
Ketmen' Range. Izv. vys. uch. zav.; geol. i razv. 5 no.7:30-41
Jl '62. (MIRA 15:10)

1. Kazakhskiy politekhnicheskii institut.

(Ketmen' Range—Geology, Stratigraphic)

ACC NR: AP7009121

SOURCE CODE: UR/0413/67/000/003/0110/0110

INVENTOR: Dolbilov, E. V.; Korablev, B. N.; Orlik, V. G.

ORG: None

TITLE: A device for detecting and signalling points of contact in labyrinth turbine seals. Class 42, No. 191170 [announced by the Central Boiler and Turbine Institute im. I. I. Polzunov (Tsentral'nyy kotloturbinnyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 110

TOPIC TAGS: turbine rotor, turbine stator, rotating seal, measuring instrument

ABSTRACT: This Author's Certificate introduces a device for detecting and signalling points of contact in labyrinth turbine seals with movable serrated segments mounted on elastic springs in the turbine stator. The instrument contains a pickup contact which is isolated from the stator. To avoid changing the fit of the sealing segments and to improve reliability, the pickup is made in the form of a section of the movable sealing segment with an elastic element for connection to a secondary instrument.

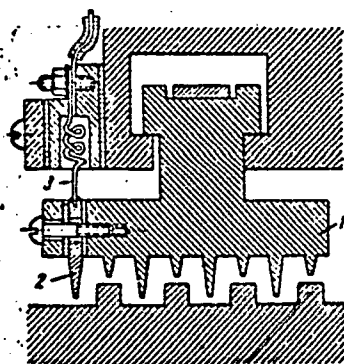
Card 1/2

UDC: 620.1.085.3:621.165

ACC NR: AP7009121

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530003



1--movable segment; 2--contact; 3--flexible element

SUB CODE: ^{10/}~~12-114~~ SUBM DATE: 16Jan65

Card 2/2

KORABLEV, G.A.

New empirical formula for calculation of the radii of cations with
inert gas shells. Zhur. strukt. khim. 6 no.2:323-324 Mr.-Ap '65.
(MIRA 18:7)

1. Poselok Fabrichnoye Sverdlovskoy oblasti.

KORABLEV, G.A.; MIRZAYEV, G.G.; DZHAKUPBAYEV, A.N.; DZHANSUGUROV, S.I.

Methods of studying the stressed state of solid concrete and reinforced concrete structures and structural elements. Trudy Inst. gor. dela AN Kazakh. SSR 19:112-114 '65.

(MIRA 18:12)

KORABLEV, G.F.

Multiposition attachment for grinding. Mashinostroitel' no.8:
21 Ag '62. (MIRA 15:8)
(Grinding machines--Attachments)

KORABLEV, G.I.

"Some Questions of the Biology and Agrotechnics of Rhubarb, Horseradish, and Asparagus in the Conditions of the Northwestern Zone of RSFSR";
dissertation for the degree of Candidate of Agricultural Sciences
(awarded by the Timiryazev Agricultural Academy, 1962)

(Izvestiya Timiryazevskoy Sel'skokhozyaystvennoy Akademii, Moscow, No. 2,
1963, pp 232-236)

KORABLEV, I. I.

587 KORABLEV, I. I., BABICH, I. A. i ROZOV, S. A. ^{Knishnaya} Pchelovodstvo. Kiev.
gossel'khozizdat USSR. 1954. 576 s. s ill. 21 sm. 100.000 ekz.
11r. 6 k. V per. - Na pereplete avt. ne ykazany.-
/54-54605/ p (638.1)

SO: Knishnaya Letopis, Vol. 1, 1955

KORABLEV, I.V.

Noises in diodes with nonlinear capacitance. Vest.Mosk. un. Ser.

3: Fiz., astron. 20 no.2:20-29 Mr-Apr '65.

(MIRA 18:5)

1. Kafedra fiziki kolebaniy Moskovskogo universiteta.

KARASEV, M.D.; Korablev, I.V.; BABINOVICH-VIZEL', A.A.

Measurement of amplitude fluctuations of a frequency multiplier
using a nonlinear resistance. Radiotekh. i elektron. 7
no.11:1964-1966: N '62. (MIRA 15:11)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.
(Frequency multipliers)

KORABLEV, I.V.; POTEKIN, V.V.

Sensitivity of a superheterodyne method for measuring amplitude
fluctuations. Radiotekh. i elektron. 9 no.1:172-174 Ja '64.
(MIRA 17:3)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. Lomonosova.

KORABLEV, I.V.

Measurement of the frequency fluctuations of a frequency multiplier on a nonlinear capacitance. Vestn. Mosk. un. Ser. 3: Fiz., astron. 19 no.3:82-85 My-1e '84.

(RUSS 17:11)

1. Kafedra fiziki kolebaniy Moskovskogo univ. gileta.

L 62149-65

ACCESSION NR: AP5011499

UR/0188/65/000/002/0020/0029
621.382.21: 621.391.822

4
B

AUTHOR: Korablev, I. V.

TITLE: Noise of diodes with nonlinear capacitance

SOURCE: Moscow. Universitet. Vestnik. Seriya 3. Fizika, astronomiya, no. 2, 1965, 20-29

TOPIC TAGS: diode noise, crystal diode, parametric diode, shot effect, nonlinear capacitance diode

ABSTRACT: In view of the importance that attaches to the study of the fluctuation properties of crystal diodes used as nonlinear reactances, the author investigated experimentally the intrinsic noise of semiconductor diodes both under fixed bias and under excitation with high frequency voltage. The measurements were made in the centimeter band under static and dynamic operating conditions, both at low frequencies (3 -- 80 kcs), and in the 3 cm band. The low frequency measurements were made with a bridge circuit similar to that described by K. Champlin (Proceedings IRE, v. 46, 779, 1958). The high

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ACCESSION NR: AP5011499

frequency measurements were made with a modulation radiometer, using the setup shown in Fig. 1 of the Enclosure. The measurement results are reconciled with brief deductions from the theory of shock noise in a p-n junction. The tests show that at low frequencies and at fixed bias, the measured noise of germanium diffusion diodes with non-linear capacitance is in satisfactory agreement with the theory of shock noise of a p-n junction, provided the current through the diode does not exceed 100 μ A. The noise ratio of the diode is increased by addition of a high frequency voltage, when the noise ratio can reach values of several hundred or several thousand if minority-carrier cascade multiplication can occur in the p-n junction. In the 3-cm band at fixed bias, the noise ratio is equal to unity in both current directions. In the region of static breakdown of the p-n junction, the noise ratio increases in proportion to the breakdown current. Original article has 6 figures, 5 formulas, and 1 table

ASSOCIATION: Kafedra fiziki kolebaniy Moskovskogo universiteta
(Oscillation Physics Department, Moscow University)

Card

L 62149-65

ACCESSION NR: AP5011499

SUBMITTED: 29Jan64

ENC: 00

SUB CODE: SS, EC

NR REF SOV: 005

OTHER: 010

Card

3/3

KORABLEV, K. A.

231T56

USSR/Metallurgy - Welding, Equipment

Oct 52

"Improvement in the Efficiency of Acetylene Generators of MG and RA Types," K. A. Korablev, Tech-Lt

"Avtogen Delo"²³ No 10, pp 24, 25

States low coeff of CaC_2 utilization in acetylene generators, widely used in the USSR, due to lack of any regulation in water supply system of these generators. Describes automatic valve controlled by float whose position depends on amt of gas in generator. Gives drawings and brief description of generators with automatic valve and discusses their advantages.

231T56

KORABLEV, L. N.

PA 11/49T91

USSR/Nuclear Physics - Cosmic Radiation Aug 48
Nuclear Physics - Radiation, Corpuscular

"Cosmic Ray Showers Which Occur in Thick Lead Plates,"
L. N. Korablev, A. L. Lyubimov, A. V. Miller, Phys Inst
Imeni P. N. Lebedev, Acad Sci USSR, 3 pp

"Dok Ak Nauk SSSR" Vol LXXI, No 4

Interim report on 1947 Pamir expedition. Data indi-
cate that the "local penetrating showers," studied
by many authorities with counters, are the pene-
trating part of more complicated "special" showers.
Submitted 9 Jun 48.

11/49T91

KORABLEV, L. N.

PA 36/49T74

USSR/Physics
Circuits, Electronic
Amplifiers

Sep 48

"Utilization of the Gas Discharge in Pulse
Technology," L. N. Korablev, Phys Inst imeni
P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXII, No 2

Korablev designs and describes several circuits
in which silent low-pressure gaseous discharge
can be used to fulfill the function of an elec-
tronic tube. Circuits include amplifier, count-
ing device, and hodoscope. Submitted by Acad
S. I. Vavilov, 13 Jul 48.

36/49T74

PA 3/50T74

USSR/Nuclear Physics - Cosmic Rays 11 Sep 49
Hodoscope

"Study of Special Showers of Cosmic Rays With the Aid of a Hodoscope," L. N. Korshak, A. I. Lyubimov, A. T. Nevrayer, Phys Inst Imeni P. N. Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXVIII, No 2 p. 273-6

Used a hodoscope consisting of 176 counters, each connected to a neon lamp by a special circuit. Position of neon lamps on special panel corresponded to position of counters in the unit. Used no vacuum tubes, their function being fulfilled by neon lamps. Results are preliminary, since

3/50T74

USSR/Nuclear Physics - Cosmic Rays 11 Sep 49
(Contd)

work with this unit is being continued. Submitted by Acad D. V. Skobel'tsyn 15 Jul 49.

3/50T74

PA 152T75

USSR/Nuclear Physics - Cosmic Rays
Hodoscope

11 Dec 49

"The Proportional Hodoscope," L. N. Korablev, Phys
Inst imeni Lebedev, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXIX, No 5

Describes, with diagram, channel scheme of proportional hodoscope and formation of master pulse. This instrument is simpler than the usual complicated proportional counters and ionization chambers, which can only measure thresholds. Submitted by Acad D. V. Skobel'tsyn 21 Sep 49.

152T75

COMMON ELEMENTS		PROCESSING AND PROPERTIES INDEX	
<p>1012</p> <p><u>SEALING CIRCUITS WITH NEON TUBES.</u> L. N. Korshak. <u>Doklady Akad. Nauk S.S.S.R.</u> 75, 375-6(1958) Nov. 21. (In Russian)</p> <p>Manley and Duckley (<u>Electronics</u> 32, 84(1960)) have recently described a sealing circuit involving the use of neon tubes; although employed in combination with germanium detectors, this instrument's performance does not exceed 500 pulses/sec. The present writer published descriptions of sealing circuits comprising neon tubes at an earlier date (<u>Doklady Akad. Nauk S.S.S.R.</u> 63, No. 2(1948); Author-right Certificates No. 67368 and 67417 (priority date July 10, 1948)). He gives here information on the principles underlying three of his circuits, whose performance is of the order of 6000 to 7000 pulses/sec.</p>			
<p>ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>NEON TUBES</p>		<p>NEON TUBES</p>	
<p>NEON TUBES</p>		<p>NEON TUBES</p>	

KORABLEV, L.N.

INSTRUMENTATION: HODOSCOPES

"Hodoscopes Using Cold-Cathode Tubes", by L.N. Korablev, Physics Institute imeni P.N. Lebedev, Academy of Sciences USSR, Pribery 1 Tekhnika Eksperimenta, No 2, September-October 1956, pp 54-61.

Description of seven types of hodoscopes developed at the Physics Institute of the Academy of Sciences USSR. The author reports a new type hodoscope in which the delayed coincidences are indicated in each of the cells, and a scheme for connecting particle counters in several circuits.

Card 1/1

KORABLEV, L.N.

INSTRUMENTATION: COUNTERS IN GENERAL

"Compact Radiometric Counting Instrument Type BK-3" by L.N. Korablev, Physics Institute imeni P.N. Lebedev, Academy of Sciences USSR, Pribery 1 Tekhnika Eksperimenta, No3, November-December 1956, pp 54-58.

Description of a compact radiometric instrument, developed by the "Fizpribor" Plant, comprising a decade-counting circuit with cold-cathode tubes, and having a resolution time several tenths the deionization time of the tubes. The instrument is provided with a one-minute timer; has counting coefficients 100:1 and 2:1; a resolution time of 5 to 8 microseconds; a sensitivity of 0.2 volts, a stabilized voltage for the particle mount adjustable from 300 to 2,000 volts. The case dimensions are 18 x 18 x 30 cm, and the weight is 7 kg. A complete circuit diagram and a photograph of the instrument are given in the article.

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KORABLEV, L.N. (Moskva).

Ionic photorelay [with English summary in insert]. Avtom. i telem.

17 no.11:1040-1042 N '56.

(MLRA 9:12)

(Triodes) (Photoelectric cells)

KORABLEV, L.N.

AUTHOR: Not given 89-9-32/32
 TITLE: New Publications (Novaya literatura)
 PERIODICAL: **Atomnaya Energiya**, 1957, Vol 3, Nr 9, p 278-278 (U.S.S.R.)
 ABSTRACT: 1.) BRESLER, S.E.: "Radioactive Elements", 3. revised edition. State Publishing House for Technology, 1957, 500 pages, price 16,30 roubles.
 2.) "Problems of Atomic Energy", Collection of translations and surveys of foreign journals, Nr 2, 1957, Publishing House for Foreign Literature, 104 pages, price 7 roubles.
 3.) KORABLEV, L.N.: "A New Use for Tubes with Cold Cathode in Impulse Devices", USSR Publishing House for Technological Works, 1956, 200 pages with illustrations, price 56 roubles.
 4.) KYURI, P.Zh.: "Selected Works. Frederic and Irene Joliot-Curie, Works" published by the Academy of Sciences of the USSR, 1957, 562 pages, price 32 roubles.
 5.) Material concerning the Geneva Atomic Conference, vol. 4: "Effective Cross Sections which are Important for Reactor Projecting", price 30 roubles, published Academy of Sciences of the USSR, 1957, 420 pages.

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